

SUPPORT FOR THE AMENDMENTS

Claim 49 was previously canceled.

Claims 1-44, 47, 48 50, 54, and 58 are canceled herein.

Claims 45 and 51 have been amended.

Claims 60-65 have been added.

Support for the amendment of Claims 45 and 51 can be found in the corresponding claims as originally filed. New Claims 60-65 are supported by the originally filed specification, for example at page 3, lines 16-20 and page 31, line 22 to page 35, line 7.

No new matter has been added by the present amendments.

REMARKS

Claims 45, 46, 51-53, 55-57, and 59-65 are pending in the present application. Reconsideration is respectfully requested in view of the following comments and the amendments above.

The rejection of Claims 50 and 54 under 35 U.S.C. §112, first paragraph (enablement), is obviated by amendment.

Applicants have canceled Claims 50, 54, and 58 to be free of the Examiner's criticisms. In view of the amendments herein, withdrawal of this rejection is respectfully requested.

The rejection of Claims 45 under 35 U.S.C. §101 is obviated by amendment. Applicants have amended the claims to recite "an isolated DNA" so as to specifically indicate the involvement of the "hand of man." Accordingly, this ground of rejection is no longer believed to be tenable.

Withdrawal of this ground of rejection is requested.

Applicants submit that the application is in condition for allowance. Early notice to this effect is earnestly solicited.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Stephen G. Baxter
Attorney of Record
Registration No. 32,884

Vincent K. Shier, Ph.D.
Registration No. 50,552

Customer Number
22850

Tel: (703) 413-3000
Fax: (703) 413-2220
(OSMMN 08/03)